

ABSTRACT OF THE DISCLOSURE

In one embodiment, a bow stabilizer for an archery bow has an elongated member having a near end for attachment to an archery bow and a distal end, the elongated member having a length L , and a weight attached to the elongated member proximate the distal end. The center of gravity of the elongated member and weight is located within 25 percent of length L from the distal end of the elongated member. In another embodiment, the stabilizer has an elongated member having a near end for attachment to an archery bow, a distal end, and a weight attached to the elongated member proximate the distal end. The natural frequency of the first bending mode of the elongated member and weight is at least 20 Hz. In a further embodiment, the stabilizer has an elongated member having a near end for attachment to an archery bow and a distal end, and a weight attached to the elongated member proximate the distal end. The weight has a first mass $M1$ which is at least 1.2 times a second mass $M2$ of the elongated member.

15